

# National Health and Nutrition Examination Survey 2005–2006

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## Documentation, Codebook, and Frequencies

### Immunization

Questionnaire

Survey Years:  
2005 to 2006

SAS Transport File:  
IMQ\_D.XPT



January 2008

# NHANES 2005–2006 Data Documentation

## Questionnaire Section: Immunization (IMQ\_D)

First Published: January 2008

Last Revised: NA

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<b>Component Description</b>	The Immunization section (prefix IMQ; questions IMQ.011 and IMQ.020) provides sample person interview data on immunization with the hepatitis A and hepatitis B vaccine for participants age 2 and above. The number of doses received is also obtained since both vaccines are multi-dose. For minors, the questions were answered via a proxy respondent, generally a parent or guardian.
<b>Eligible Sample</b>	All survey participants 2 years of age and older are asked about hepatitis A and B vaccination.
<b>Interview Setting and Mode of Administration</b>	<p>The immunization questionnaire was done before the physical examination, in the home, using the Computer-Assisted Personal Interviewing-CAPI (interviewer administered) system. Persons 16 years of age and older and emancipated minors were interviewed directly. A proxy provided information for survey participants who were under 16 years of age and for individuals who could not answer the questions themselves.</p> <p>The Interviewer Procedure Manuals and Survey Questionnaires and Exam Manuals can be found on the NHANES website.</p>
<b>Quality Assurance &amp; Quality Control</b>	The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire.
<b>Data Processing and Editing</b>	Participants' questionnaire interview responses were entered into a laptop computer and then uploaded to the NHANES computerized database in the same manner as other sections of the Sample Person Questionnaire. The data were edited for completeness, consistency, and illogical values.
<b>Analytic Notes</b>	IMQ questionnaire data was collected on a full sample of respondents and can be analyzed in conjunction with results from MEC laboratory data, which has measures of hepatitis A antibody

(on those age 6 or more years, LBXHA) and hepatitis B surface antibody (on those age 2 or more years, LBXHBS). Analysts should review all NHANES laboratory 2 (Hepatitis Laboratory) data release documentation and statistical and analytic guidelines prior to beginning data analysis.

Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam weights should be used for analyses.

Question IMQ011 in NHANES 2005-2006 is comparable to question IMD010 in NHANES 2003-2004, and question IMQ010 in NHANES 2001-2002 and NHANES 1999-2000.

Question IMQ030, which asks about whether or not participants have had the pneumonia vaccination, has been dropped for the 2005-2006 cycle.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.

## References

N/A

## Locator Record

**Title:** Immunization (IMQ\_D)

**Contact Number:** 1-866-441-NCHS

**Years of Content:** 2005–2006

**First Published:** January 2008

**Revised:** NA

**Access Constraints:** None

**Use Constraints:** None

**Geographic Coverage:** National

**Subject:** Data on immunization with the hepatitis A and hepatitis B vaccine for NHANES participants age 2 and above.

**Record Source:** NHANES 2005–2006

**Survey Methodology:** NHANES 2005–2006 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

**Medium:** NHANES Web site; SAS transport files

# National Health and Nutrition Examination Survey Codebook for Data Production (2005-2006)

## Questionnaire Section: **Immunization (IMQ\_D)**

January 2008



<b>SEQN</b>	<b>Target</b>
	B(0 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	Respondent sequence number
<b>English Text:</b> Respondent sequence number.	
<b>English Instructions:</b>	

<b>IMQ005</b>	<b>Target</b>
	B(0 Yrs. to 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>
	CHECK ITEM
<b>English Text:</b> CHECK ITEM	
<b>English Instructions:</b> CHECK ITEM IMQ.005: IF SP AGE >= 2, CONTINUE. OTHERWISE, GO TO IMQ.020.	

<b>IMQ011</b>	<b>Target</b>			
	B(2 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Received hepatitis A vaccine			
<b>English Text:</b> {Have you/Has SP} ever received hepatitis A vaccine? This vaccine is given as a two dose series routinely to some children older than 2 years, and to some adults and people who travel outside the United States. It has only been available since 1995.				
<b>English Instructions:</b> CODE 'LESS THAN 2 DOSES' ONLY IF MENTIONED BY RESPONDENT				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes, at least 2 doses	2372	2372	
2	Less than 2 doses	293	2665	
3	No doses	5673	8338	
7	Refused	1	8339	
9	Don't know	1124	9463	
.	Missing	885	10348	

<b>IMQ020</b>	<b>Target</b>			
	B(0 Yrs. to 150 Yrs.)			
<b>Hard Edits</b>	<b>SAS Label</b>			
	Received hepatitis B 3 dose series			
<b>English Text:</b> {Have you/Has SP} ever received the 3-dose series of the hepatitis B vaccine? This vaccine is given in three separate doses and has been recommended for all newborn infants since 1991. In 1995, it was recommended that adolescents be given the vaccine. Persons who may be exposed to other people's blood, such as health care workers, also may have received the vaccine.				
<b>English Instructions:</b> CODE 'LESS THAN 3 DOSES' ONLY IF MENTIONED BY RESPONDENT				
<b>Code or Value</b>	<b>Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Yes all 3 doses	5217	5217	
2	Less than 3 doses	614	5831	
3	No doses	3672	9503	
7	Refused	1	9504	
9	Don't know	844	10348	
.	Missing	0	10348	